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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Please type a plus sign (+) inside this box

Attorney	Docket No.	4241.1US (99-0408.1)	
First Inve	ntor	Tongbi Jiang	
Title UN	DERFILL P	ROCESS	

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EL74053773205
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application
See MPEP chapter 600 concerning utility patent application contents.	Washington, DC 20231
Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or
(Submit an original and a duplicate for fee processing)  Applicant claims small entity status.	Computer Program ( <i>Appendix</i> )  8. Nucleotide and/or Amino Acid Sequence Submission
2. See 37 CFR 1.27.	(if applicable, all necessary)
Specification [Total Pages 27]	Computer Readable Form (CRF)
3. A (preferred arrangement set forth below)	
<ul> <li>Descriptive title of the invention</li> <li>Cross Reference to Related Applications</li> </ul>	b. Specification Sequence Listing on:
- Statement Regarding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or
- Reference to sequence listing, a table,	i i. 🗌 paper 💆 📕
or a computer program listing appendix	c. Statements verifying identity of above copies
<ul> <li>Background of the Invention</li> <li>Brief Summary of the Invention</li> </ul>	ACCOMPANYING APPLICATION PARTS
<ul> <li>Brief Description of the Drawings (if filed)</li> </ul>	
- Detailed Description	9. Assignment Papers (cover sheet & document(s))
<ul><li>Claim(s)</li><li>Abstract of the Disclosure</li></ul>	10. 37 CFR 3.73(b) Statement Power of Attorney
- Abstract of the bississars	(Which there is an assignes)
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets]	Copies of IDS
5. Oath or Declaration [ Total Pages 1]	12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
a. Newly executed (original or copy)	13. Preliminary Amendment
Conv from a prior application (37 CFR 1.63 (0))	14. X Return Receipt Postcard (MPEP 503)
b (10) Continuation/divisional with Box 10 completed)	(Snould be specifically itemized)
i. DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR	16. Nonpublication Request under 35 U.S.C. 122
1 63(d)(2) and 1.33(b).	(b)(2)(B)(i). Applicant must attach form P10/56/35
0 T	or its equivalent.
6. Application Data Sheet. See 37 CFR 1.76	17. Other:
18. If a CONTINUING APPLICATION, check appropriate box, and sup-	ply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:	of prior application No 09 / 544 , 822
Continuation X Divisional Continuation-in-part(CIP)	
Prior application information Examiner S. Clark	Group Art Unit 2815
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the Box 5b, is considered a part of the disclosure of the accompanying continuation.	mustion of divisional application and is neverly incorporated by reference.
The incorporation can only be relied upon when a portion has been inadve	rtently omitted from the submitted application parts.
19. CORRESPOND	ENCE ADDRESS
Customer Number or Bar Code Label	or Correspondence address below
24247	Commence of the second
Name PATENT TRADEMARK	
Address	
City	State Zip Code
	lephone Fax
Name (Print/Type) James R. Duzan	Registration No. (Attorney/Agent) 28,393
Signature Sames R. Dune	Date 08/29/2001

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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

\$)	1,970	. 0.0
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Complete if Known		
Application Number	Not yet assigned	
Filing Date	August 29, 2001	
First Named Inventor	Tongbi Jiang	
Examiner Name	Unknown	
Group Art Unit	Unknown	
Attorney Docket No.	4241.1US (99-0408.1)	

METHOD OF PAYMENT	FEE CALCULATION (continued)			
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnaments to	3. ADDITIONAL FEES			
indicated fees and credit any overpayments to:  Deposit	Large Small			
Account	Entity Entity  Fee Fee Fee Fee Fee Description	Fee Paid		
Number 20-1469	Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	ree Palu		
Deposit Account Name Trask Britt	105 130 205 65 Surcharge - late filing fee or oath			
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
Applicant claims small entity status	139 130 139 130 Non-English specification			
See 37 CFR 127	147 2,520 147 2,520 For filing a request for ex parte reexamination			
2. X Payment Enclosed:  X Check Credit card Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action			
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month			
Large Entity Small Entity	116 390 216 195 Extension for reply within second month			
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month			
Code (4)	118 1,390 218 695 Extension for reply within fourth month			
101 710 201 355 Utility filing fee 710 106 320 206 160 Design filing fee 0	128 1,890 228 945 Extension for reply within fifth month			
107 490 207 245 Plant filing fee 0	119 310 219 155 Notice of Appeal			
108 710 208 355 Reissue filing fee 0	120 310 220 155 Filing a brief in support of an appeal			
114 150 214 75 Provisional filing fee 0	121 270 221 135 Request for oral hearing			
	138 1,510 138 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 710.00	140 110 240 55 Petition to revive - unavoidable			
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional			
Fee from Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)			
Total Claims 50 -20** = 30 X 18 = 540	143 440 243 220 Design issue fee			
Independent Claims 12 - 3** = 9 X 80 = 720	144 600 244 300 Plant issue fee			
Multiple Dependent 0 = 0	122 130 122 130 Petitions to the Commissioner			
	123 50 123 50 Processing fee under 37 CFR 1 17(q)			
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)			
, 102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection			
104 270 204 135 Multiple dependent claim, if not paid	(37 CFR § 1 129(a))			
<ul> <li>109 80 209 40 ** Reissue independent claims over original patent</li> </ul>	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))			
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)			
and over original patent	169 900 169 900 Request for expedited examination of a design application			
SUBTOTAL (2) (\$)1,260.00	Other fee (specify)			
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	- 0 -		

SUBMITTED BY

Name (Print/Type)

James R. Duzan

Registration No (Attorney/Agent)

Signature

Complete (f applicable)

28,393

Telephone (801) 532-1922

Date 08/29/2001

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